## ABSTRACT

A refrigerant gas is collected and a compressor is removed from a discarded refrigerator, a heat–insulating housing including a heat insulator is cut/processed and separated into a plurality of pieces, and the pieces are compressed/processed by compression rollers opposing each other so as to collect a gas contained in the heat insulator. In accordance with this method, substantially no gas contained in the heat insulator is diffused at the time of cutting the heat–insulating housing, and the gas can be collected at a high concentration because it is collected by being allowed to leak out at the time of compressing. Furthermore, by using the compression rollers, closed–cells in the heat insulator can be crushed easily, thereby collecting the gas completely and reliably. Thus, it is possible to collect a foaming gas contained in the heat insulator efficiently and disassemble a refrigerator at low cost without increasing the size of equipment and an installation space.